

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	22	("5717796"   "5764405"   "5896474"   "5912761"   "5926263"   "5966206"   "5969833"   "6025949"   "6028684"   "6057948"   "6061156"   "6134032"   "6134033"   "6137604"   "6211985"   "6304351"   "6307653"   "6323981"   "6327250"   "6327400"   "6396969"   "6414771").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 11:47
S6	9	("5717796"   "5764405"   "5896474"   "5912761"   "5926263"   "5966206"   "5969833"   "6025949"   "6028684"   "6057948"   "6061156"   "6134032"   "6134033"   "6137604"   "6211985"   "6304351"   "6307653"   "6323981"   "6327250"   "6327400"   "6396969"   "6414771").PN. and (sonet sdh optical) and delay\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 11:47
S7	9	("5717796"   "5764405"   "5896474"   "5912761"   "5926263"   "5966206"   "5969833"   "6025949"   "6028684"   "6057948"   "6061156"   "6134032"   "6134033"   "6137604"   "6211985"   "6304351"   "6307653"   "6323981"   "6327250"   "6327400"   "6396969"   "6414771").PN. and (sonet sdh optical) and delay\$3	USPAT	OR	ON	2005/04/11 11:48
S8	3	("5717796"   "5764405"   "5896474"   "5912761"   "5926263"   "5966206"   "5969833"   "6025949"   "6028684"   "6057948"   "6061156"   "6134032"   "6134033"   "6137604"   "6211985"   "6304351"   "6307653"   "6323981"   "6327250"   "6327400"   "6396969"   "6414771").PN. and (sonet sdh optical) and delay\$3 and fault\$3 with detect\$3	USPAT	OR	ON	2005/04/11 11:49

S9	1	("5717796"   "5764405"   "5896474"   "5912761"   "5926263"   "5966206"   "5969833"   "6025949"   "6028684"   "6057948"   "6061156"   "6134032"   "6134033"   "6137604"   "6211985"   "6304351"   "6307653"   "6323981"   "6327250"   "6327400"   "6396969"   "6414771").PN. and (sonet sdh optical) and delay\$3 same fault\$3 with detect\$3	USPAT	OR	ON	2005/04/11 11:49
S10	51	(sdh sonet optical) same fault\$3 with detect\$3 same (delay\$3 postpon\$4)	USPAT	OR	ON	2005/04/11 11:53
S16	9	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (spare protect\$3 backup back\$3 adj up back-up backing-up) near3 (path\$3 channel line stream)	US-PGPUB; USPAT	OR	ON	2005/04/13 10:43
S17	3	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (spare protect\$3 backup back\$3 adj up back-up backing-up stand\$3 adj by standing-by stand-by) near3 (path\$3 channel line stream) same (fault fail\$5 error)	US-PGPUB; USPAT	OR	ON	2005/04/13 10:54
S18	4	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3 wait\$3) with (calculat\$3 determin\$3) with (spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by) near3 (path\$3 channel line stream) same (fault fail\$5 error)	US-PGPUB; USPAT	OR	ON	2005/04/13 10:56
S19	1	S18 not S16	US-PGPUB; USPAT	OR	ON	2005/04/13 10:57

S20	3	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by) near3 (path\$3 channel line stream) same (fault fail\$5 error)	US-PGPUB; USPAT	OR	ON	2005/04/13 10:58
S21	0	S20 not S17	US-PGPUB; USPAT	OR	ON	2005/04/13 10:57
S22	1	S18 not S17	US-PGPUB; USPAT	OR	ON	2005/04/13 10:57
S23	5	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4) near3 (path\$3 channel line stream) with (switch\$3 adj over switching-over switch-over fail\$3 adj over failing-over fail-over chang\$3)	US-PGPUB; USPAT	OR	ON	2005/04/13 11:02
S24	8	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4) near3 (path\$3 channel line stream) same (switch\$3 adj over switching-over switch-over fail\$3 adj over failing-over fail-over chang\$3)	US-PGPUB; USPAT	OR	ON	2005/04/13 13:11
S25	3	S24 not S23	US-PGPUB; USPAT	OR	ON	2005/04/13 12:11

S33	13	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) with (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line stream) same (switch\$3 adj over switching-over switch-over fail\$3 adj over failing-over fail-over chang\$3)	US-PGPUB; USPAT	OR	ON	2005/04/13 12:10
S34	5	S33 not S24	US-PGPUB; USPAT	OR	ON	2005/04/13 12:11
S37	86	(rate bandwidth) with negotiat\$4 and (dialup dial-up) and ((dsl digital with subscrib\$3 with line) cable near5 modem "t1" "t3")	USPAT	OR	ON	2005/04/13 12:39
S38	22	(rate bandwidth) with negotiat\$4 same provider and (dialup dial-up) and ((dsl digital with subscrib\$3 with line) cable near5 modem "t1" "t3")	USPAT	OR	ON	2005/04/13 12:40
S40	0	S39 and determin\$3 with connect\$3 with type	USPAT	OR	ON	2005/04/13 12:48
S41	1	S39 and determin\$3 with type with access\$3	USPAT	OR	ON	2005/04/13 12:48
S42	8	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3) same (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line) and (hit-less hitless zero-loss zeroloss no-loss noloss)	US-PGPUB; USPAT	OR	ON	2005/04/13 13:19

S43	8	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3 estimat\$3) same (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line) and (hit-less hitless zero-loss zero loss no-loss no loss)	US-PGPUB; USPAT	OR	ON	2005/04/13 13:53
S44	4	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and (delay\$3 postpon\$3) with (calculat\$3 determin\$3 estimat\$3) same (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line) and blsr	US-PGPUB; USPAT	OR	ON	2005/04/13 14:12
S45	4	S44 not S43	US-PGPUB; USPAT	OR	ON	2005/04/13 13:54
S46	0	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and guard\$3 with (time period) with (calculat\$3 determin\$3 estimat\$3) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line) and blsr	US-PGPUB; USPAT	OR	ON	2005/04/13 14:13

S47	28	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and guard\$3 with (time period) with (calculat\$3 determin\$3 estimat\$3) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line)	US-PGPUB; USPAT	OR	ON	2005/04/14 10:44
S48	28	S47 not (S44 S43)	US-PGPUB; USPAT	OR	ON	2005/04/13 14:14
S49	26	S47 not (S44 S43)	USPAT	OR	ON	2005/04/13 14:19
S50	2	S47 not (S44 S43)	US-PGPUB	OR	ON	2005/04/13 14:14
S51	176	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and gap\$4 with (time period) with (calculat\$3 determin\$3 estimat\$3) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line)	US-PGPUB; USPAT	OR	ON	2005/04/14 10:45
S52	5	(@ad<"20010725" @rlpn<"20010725" @rlan<"20010725") and (sonet sdh optical) and gap\$4 with (time period) with (calculat\$3 determin\$3 estimat\$3) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$4 alternat\$3) near3 (path\$3 channel line) same (fault\$3 fail\$4) with (detect\$3 alarm\$3)	US-PGPUB; USPAT	OR	ON	2005/04/14 10:52

S58	1716	(calculat\$3 determin\$7 estimat\$3) with delay\$3 and (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line)	USPAT	OR	ON	2005/04/14 14:59
S60	0	(calculat\$3 determin\$7 estimat\$3, evaluat\$3, apprais\$4) with delay\$3 same (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line) same (buffer\$4 memor\$) with delay\$3 and optical with electrical	USPAT	OR	ON	2005/04/14 15:02
S61	2	(calculat\$3 determin\$7 estimat\$3, evaluat\$3, apprais\$4) with delay\$3 same (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line) same (buffer\$4 memor\$) with delay\$3 and (optical with electrical "oe" "o/e")	USPAT	OR	ON	2005/04/14 15:08



S62	4	(calculat\$3 determin\$7 estimat\$3, evaluat\$3, apprais\$4) with delay\$3 same (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line) same (buffer\$4 memor\$) with delay\$3	USPAT	OR	ON	2005/04/14 15:02
S64	2	S62 not S61	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:13
S65	2	S64 and delay\$7	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/15 11:19
S67	2	(calculat\$3 determin\$7 estimat\$3, evaluat\$3, apprais\$4) with delay\$3 same (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line) same (buffer\$4 memor\$) with delay\$3 and (optical with electrical "oe" "o/e")	USPAT	OR	ON	2005/04/15 11:21



S68	4	(calculat\$3 determin\$7 estimat\$3, evaluat\$3, apprais\$4) with delay\$3 same (fault\$3 fail\$4 impair\$7 repair\$7 re-pair\$7) and (determin\$7 detect\$4 scan\$4 filter\$4 examin\$7) with (path\$4 channel\$4 signal\$4 line) and (optical sonet sdh) and (redundan\$4 spare protect\$3 backup back\$3 adj up back-up bypass\$3 by-pass\$3 backing-up stand\$3 adj by standing-by stand-by second\$5 alternat\$3) near3 (path\$3 channel line) same (buffer\$4 memor\$) with delay\$3	USPAT	OR	ON	2005/04/15 11:21
S69	2	S68 not S67	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/15 11:21
S70	2	S69 and delay\$7	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/15 11:21
S71	1	S70 and delay\$7 with recei\$7 with (protect\$4 alternat\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/15 11:21